

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

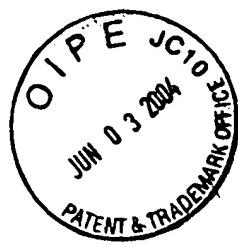
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

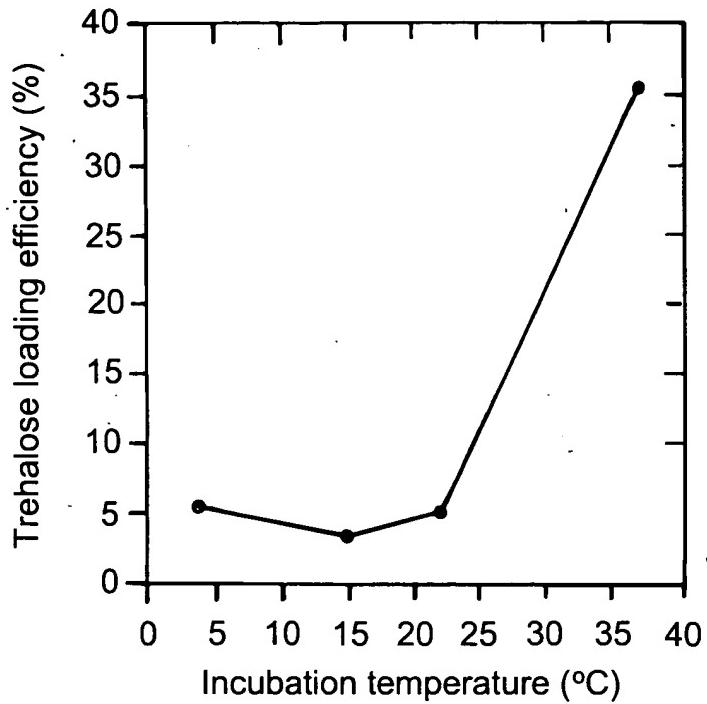
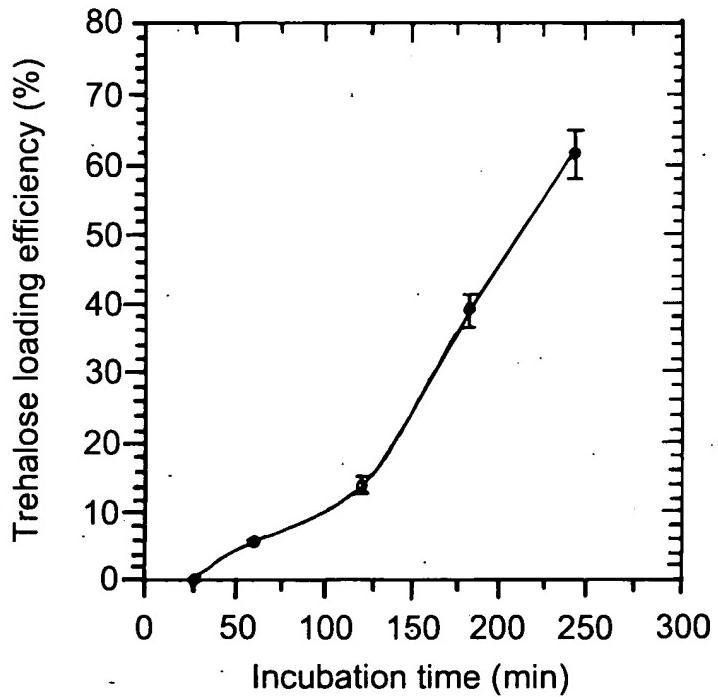
- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

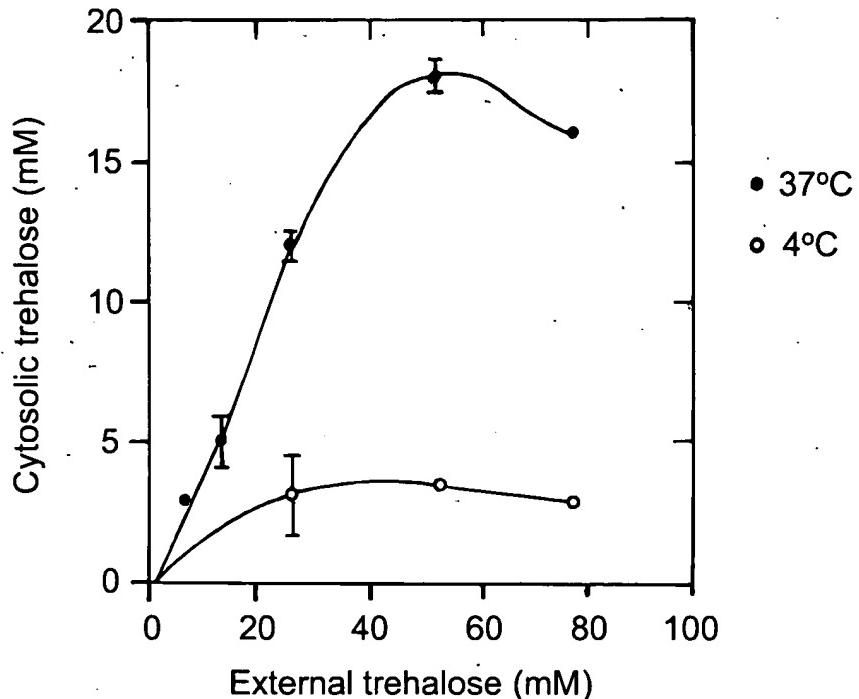
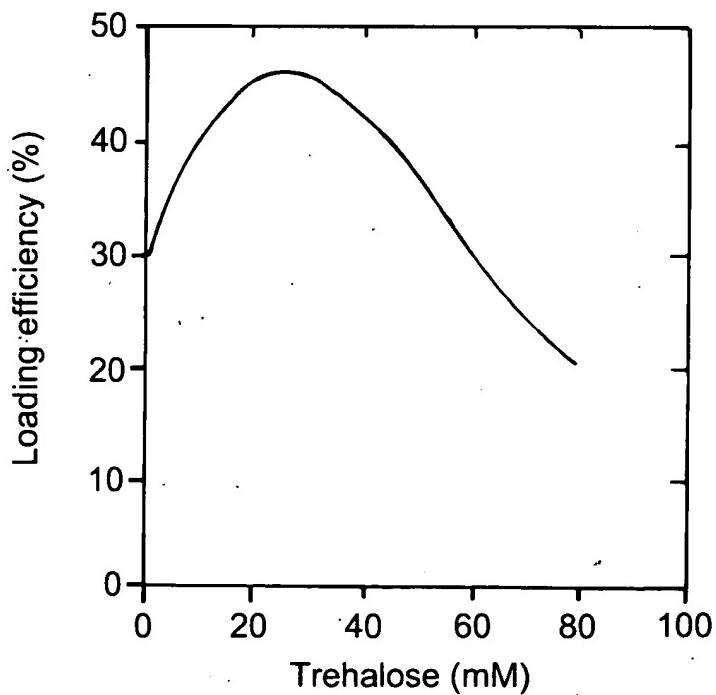
**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**



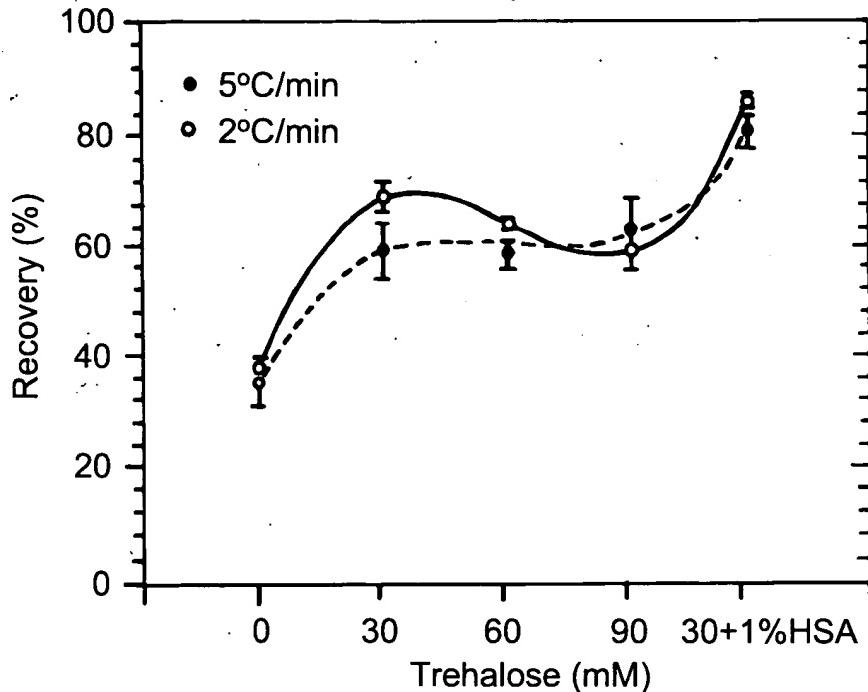
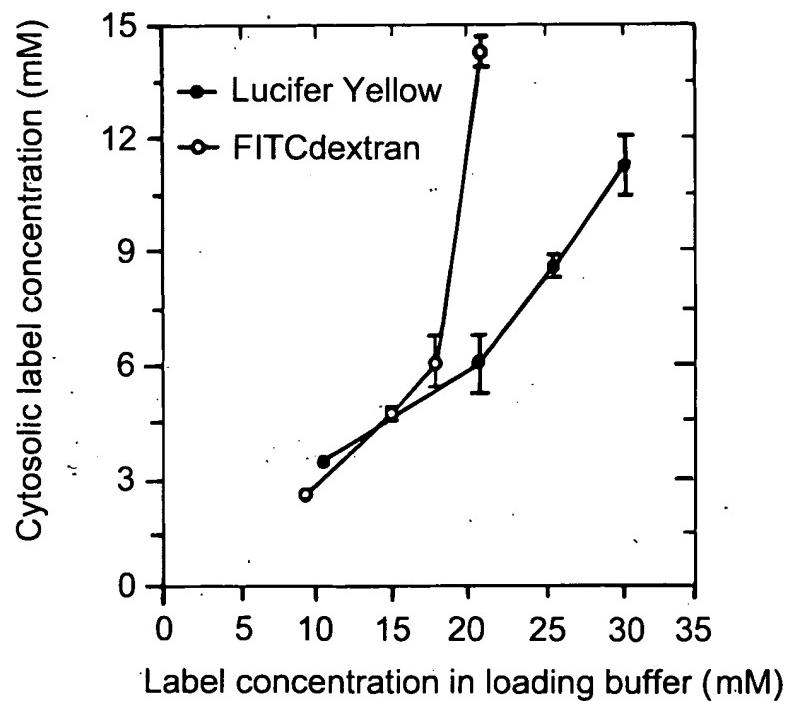
1/26

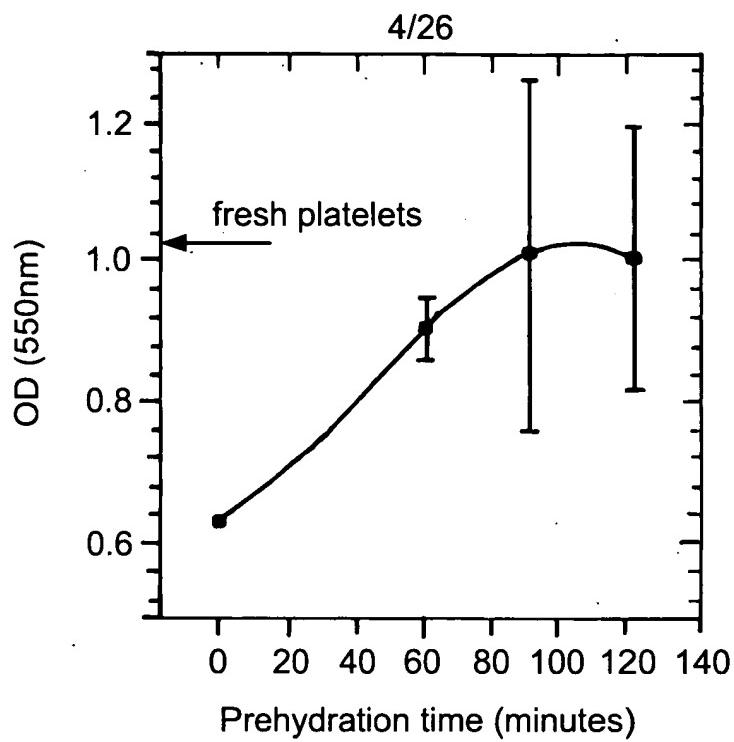
**FIG. 1****FIG. 2**

2/26

**FIG. 3****FIG. 4**

3/26

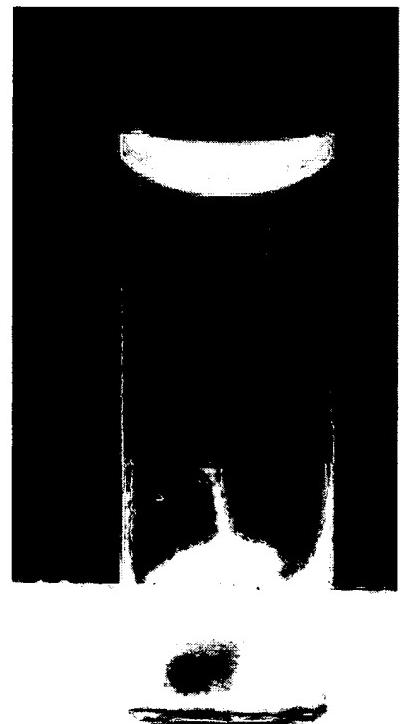
**FIG. 5****FIG. 6**



**FIG. 7**

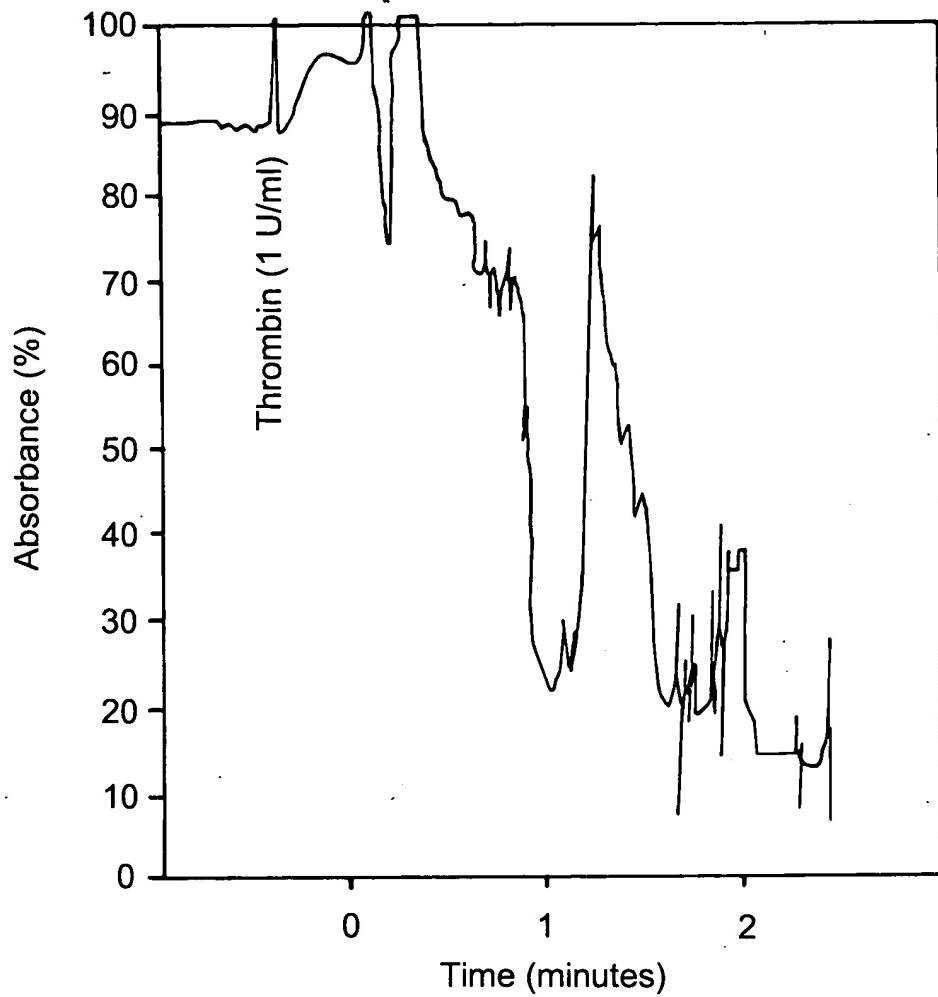


**FIG. 8A**  
(PRIOR ART)



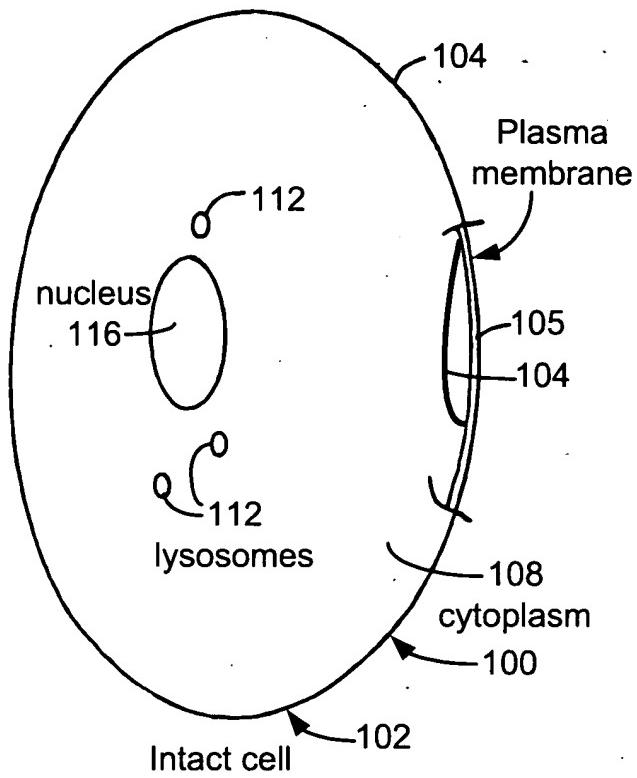
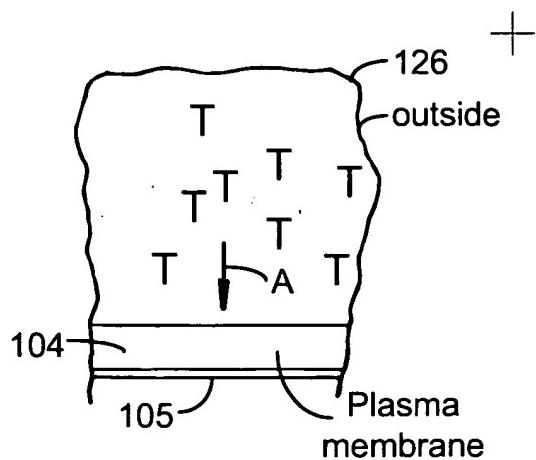
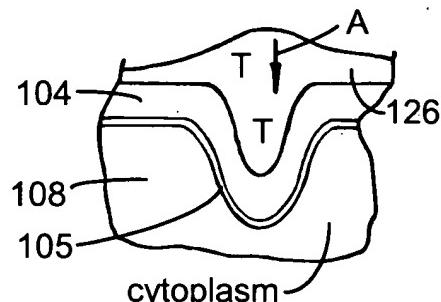
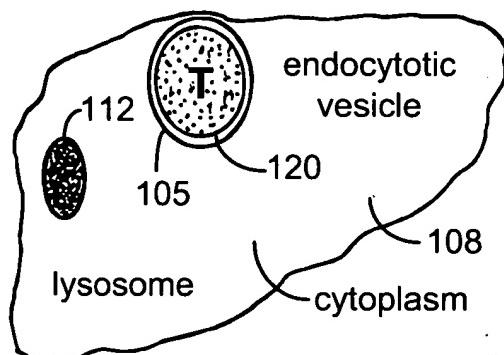
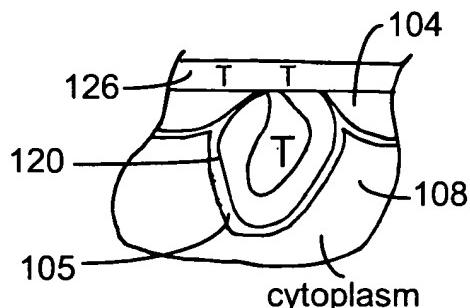
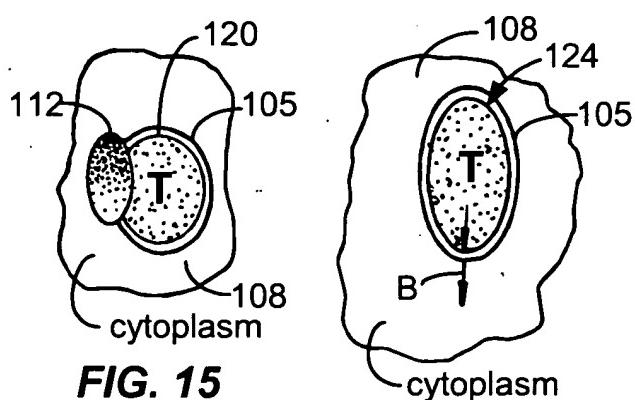
**FIG. 8B**

5/26

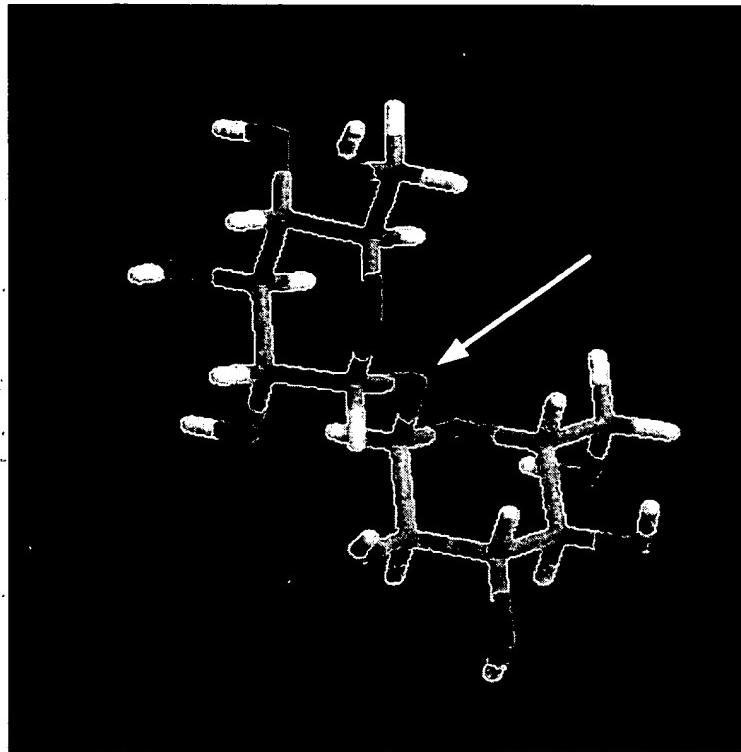


**FIG. 9**

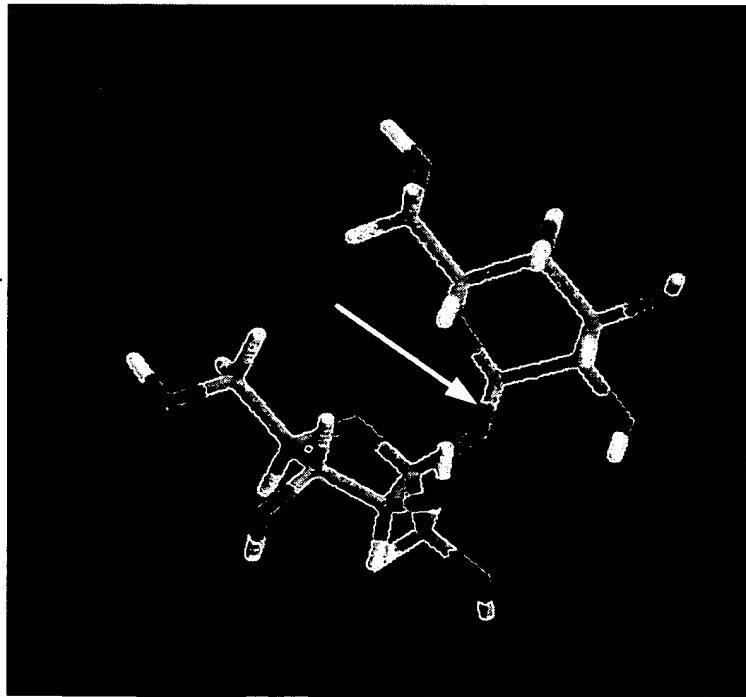
6/26

**FIG. 10****FIG. 11****FIG. 12****FIG. 14****FIG. 13****FIG. 15****FIG. 16**

7/26

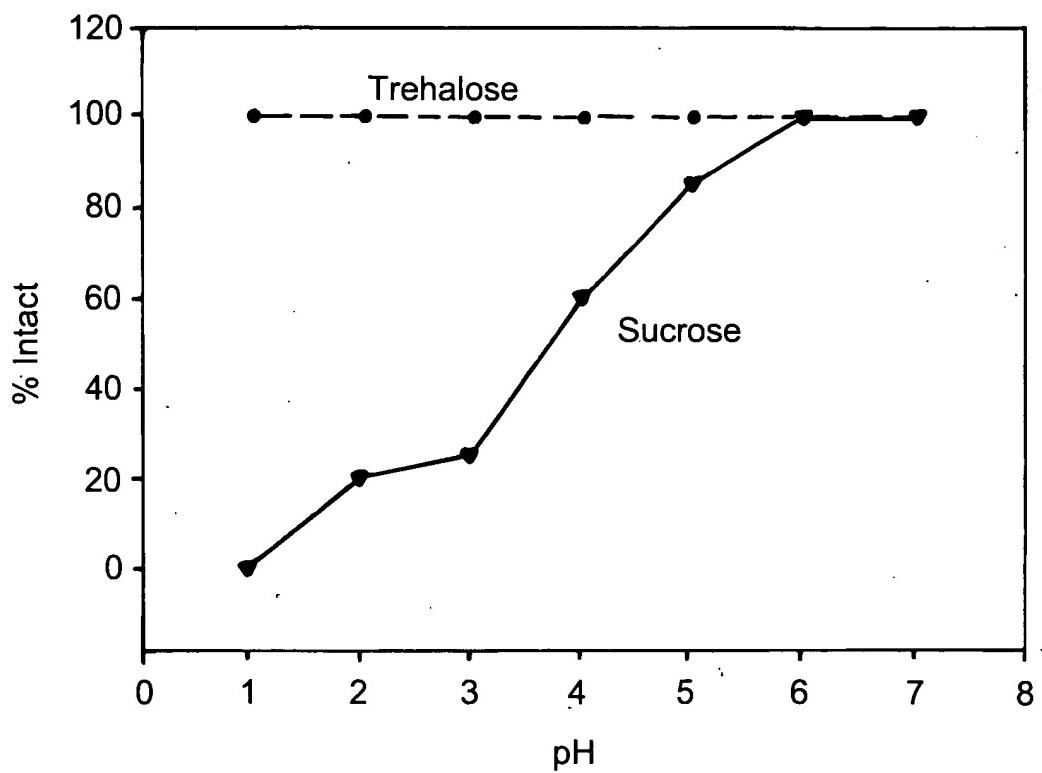


**FIG. 17**

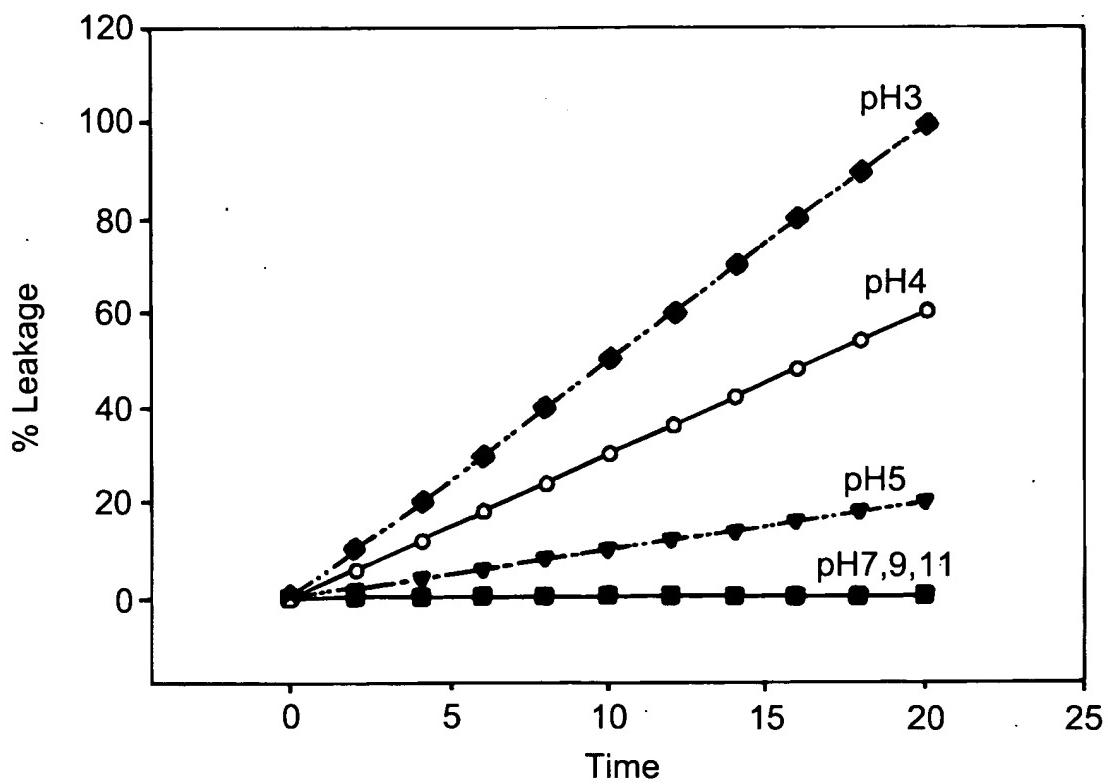


**FIG. 18**

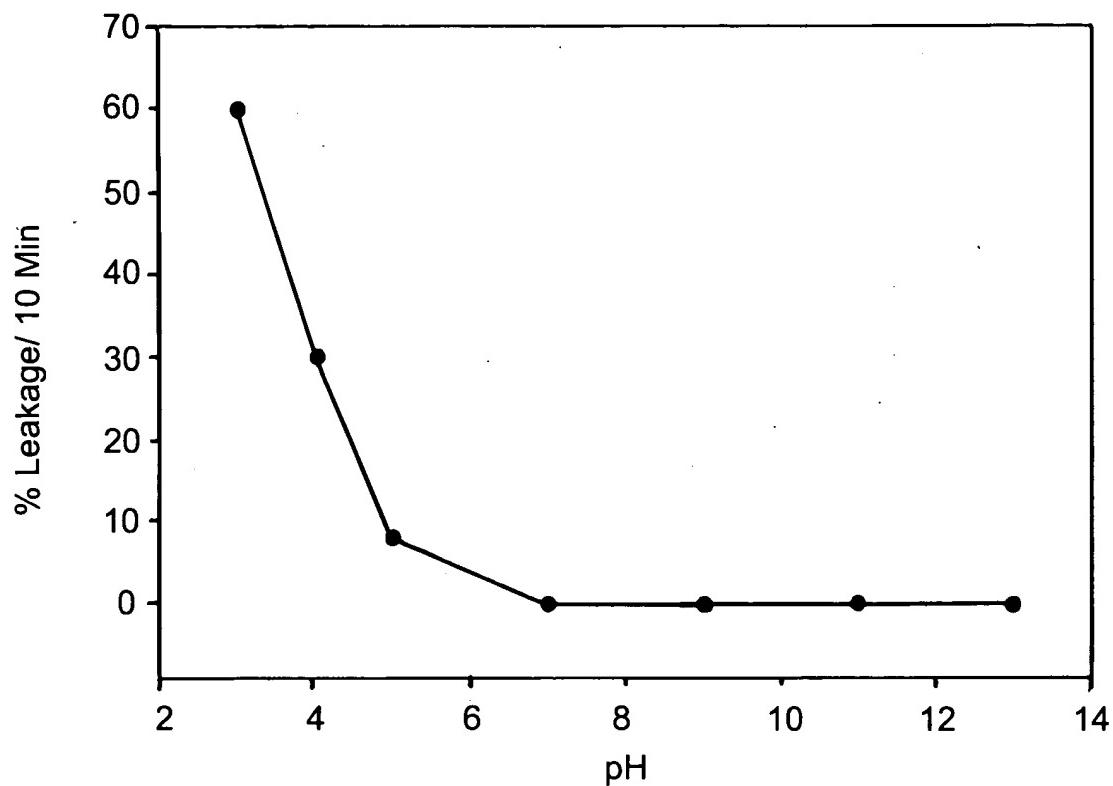
8/26

**FIG. 19**

9/26

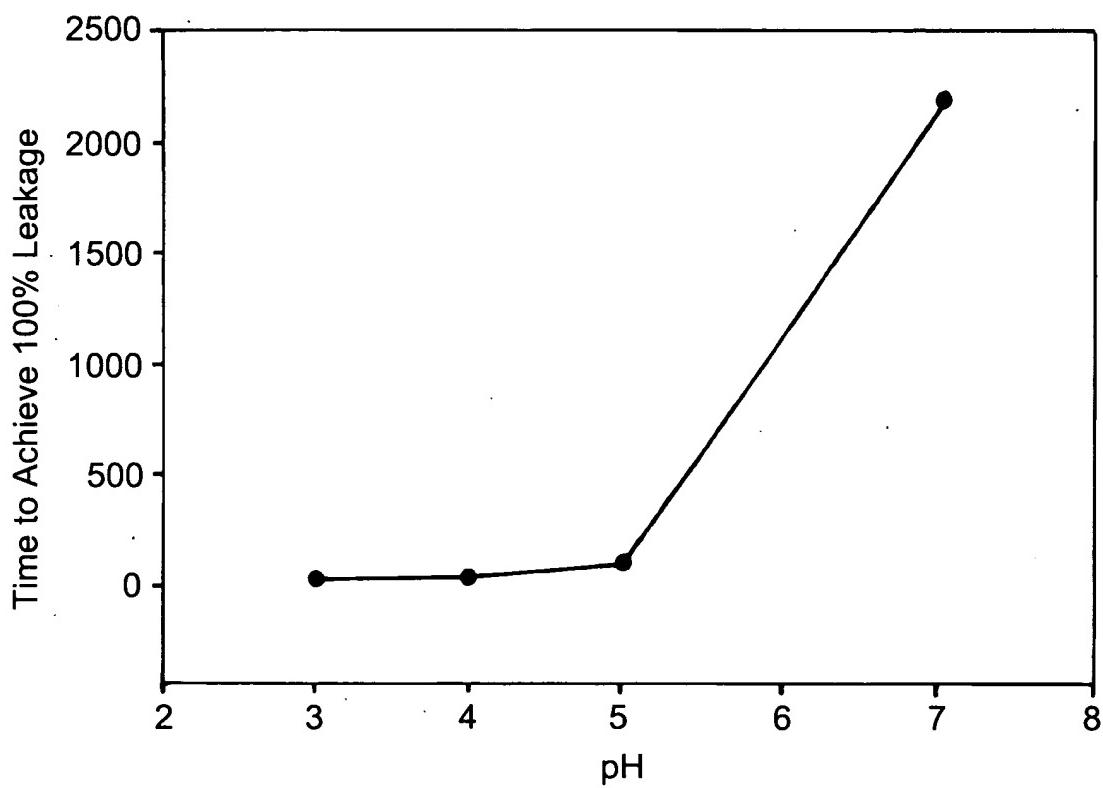
**FIG. 20**

10/26



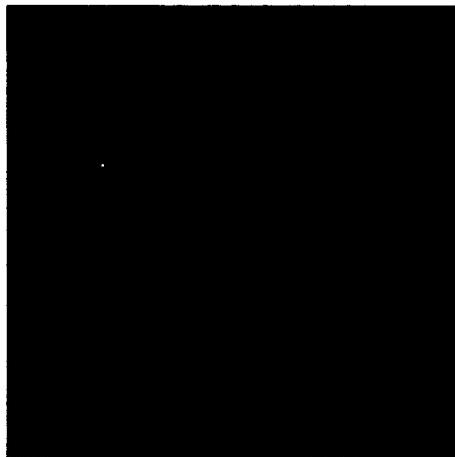
**FIG. 21**

11/26



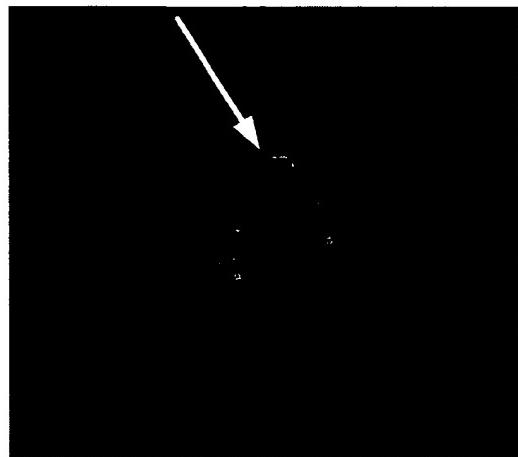
**FIG. 22**

12/26



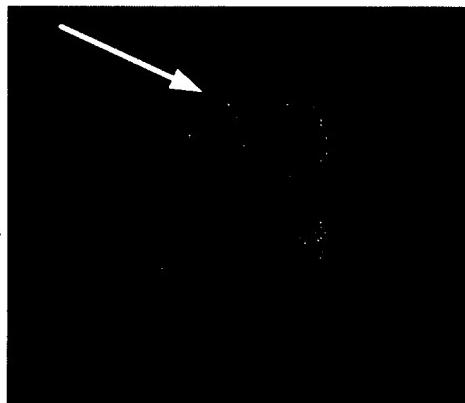
0 hrs (control)

**FIG. 23**



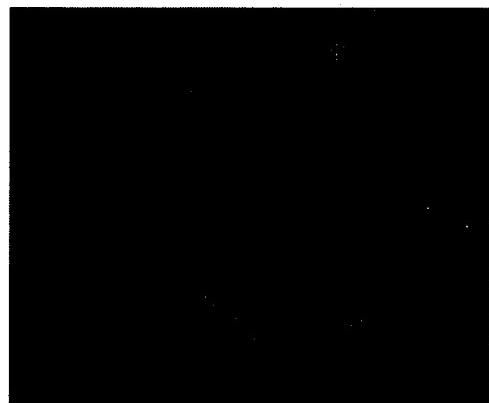
1 hr

**FIG. 24**



3.5 hrs

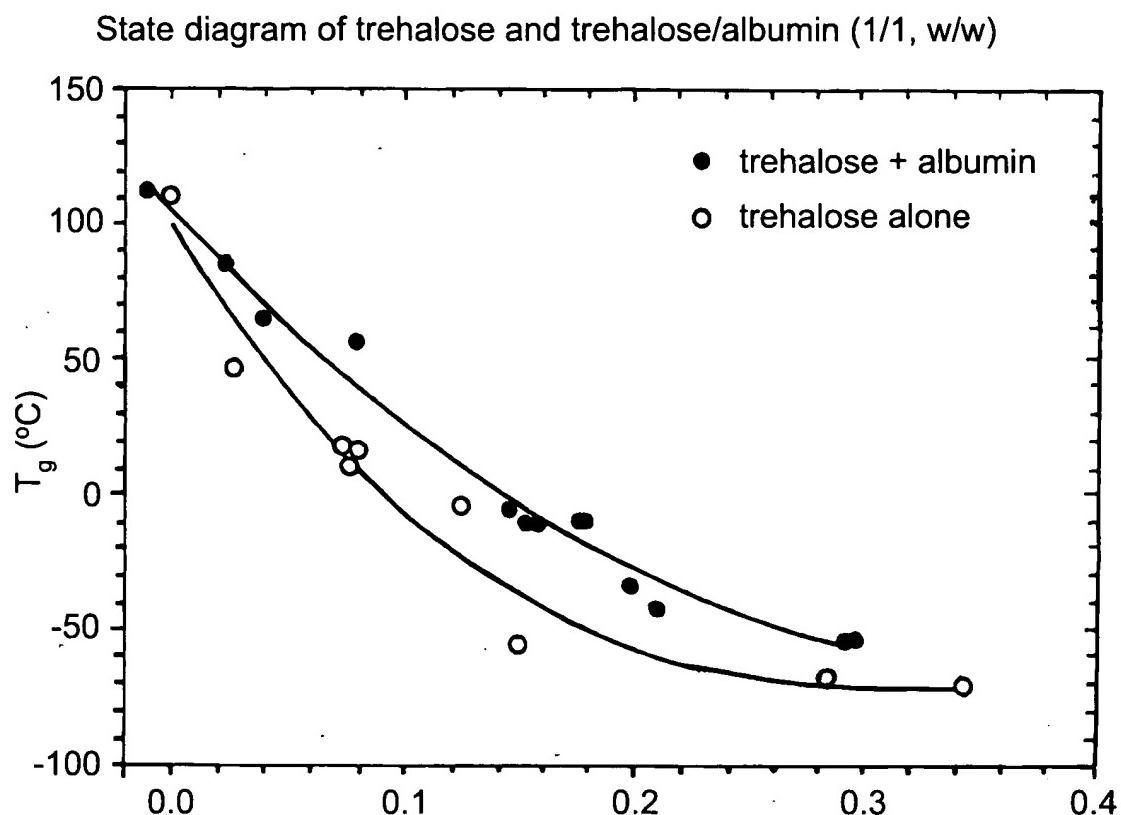
**FIG. 25**

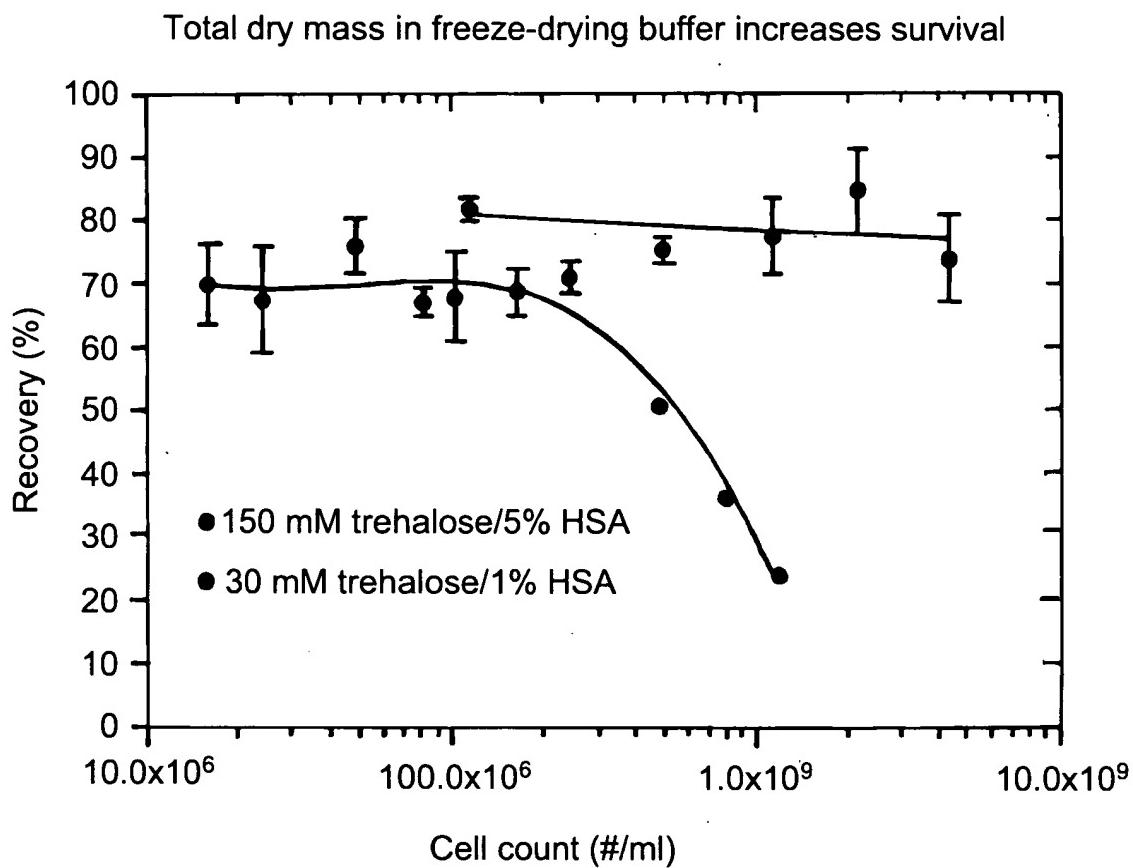


5 hrs

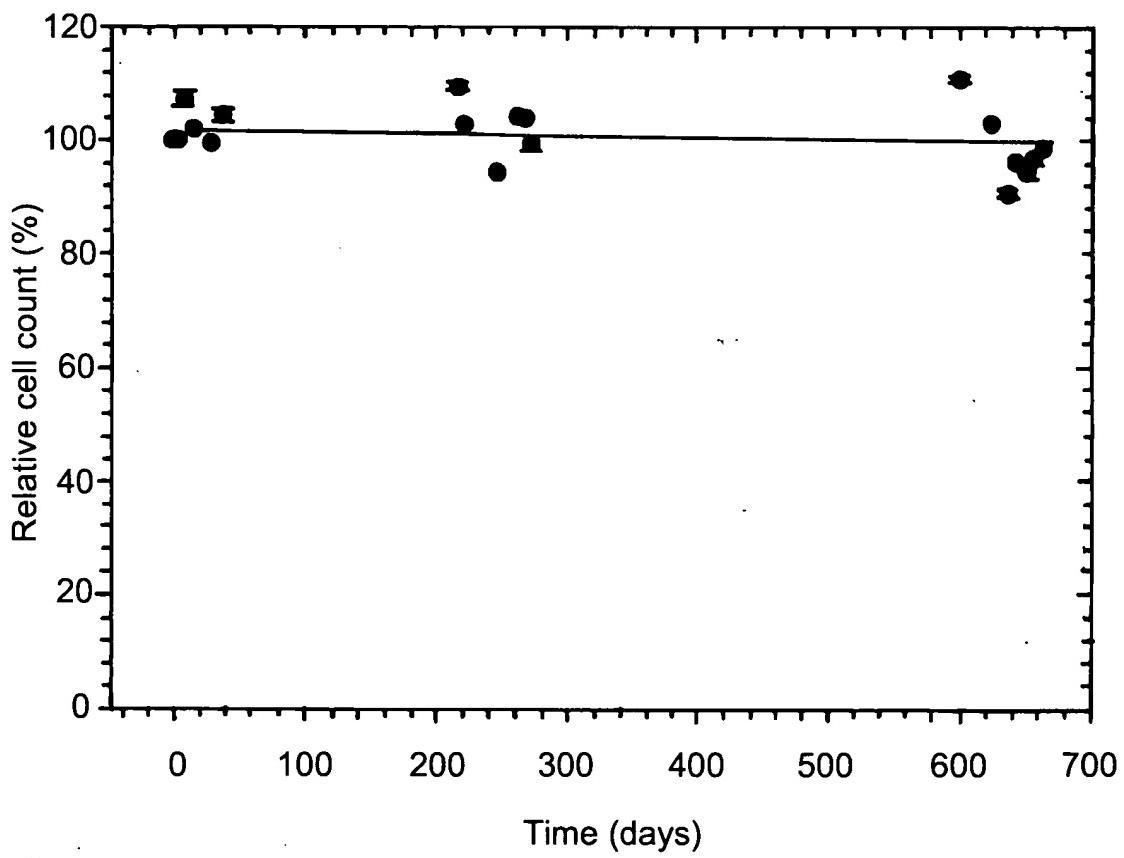
**FIG. 26**

13/26

**FIG. 27**

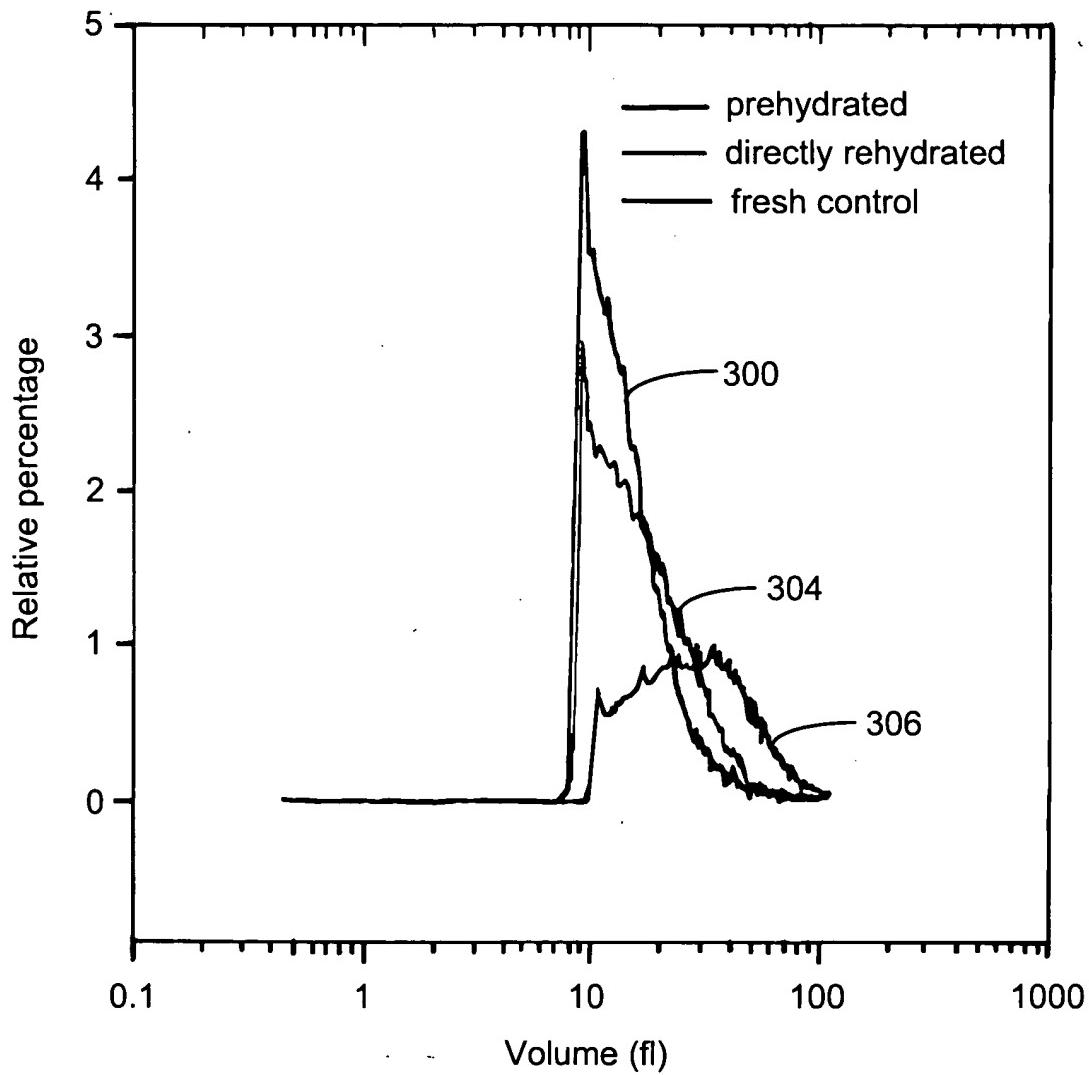
**FIG. 28**

15/26

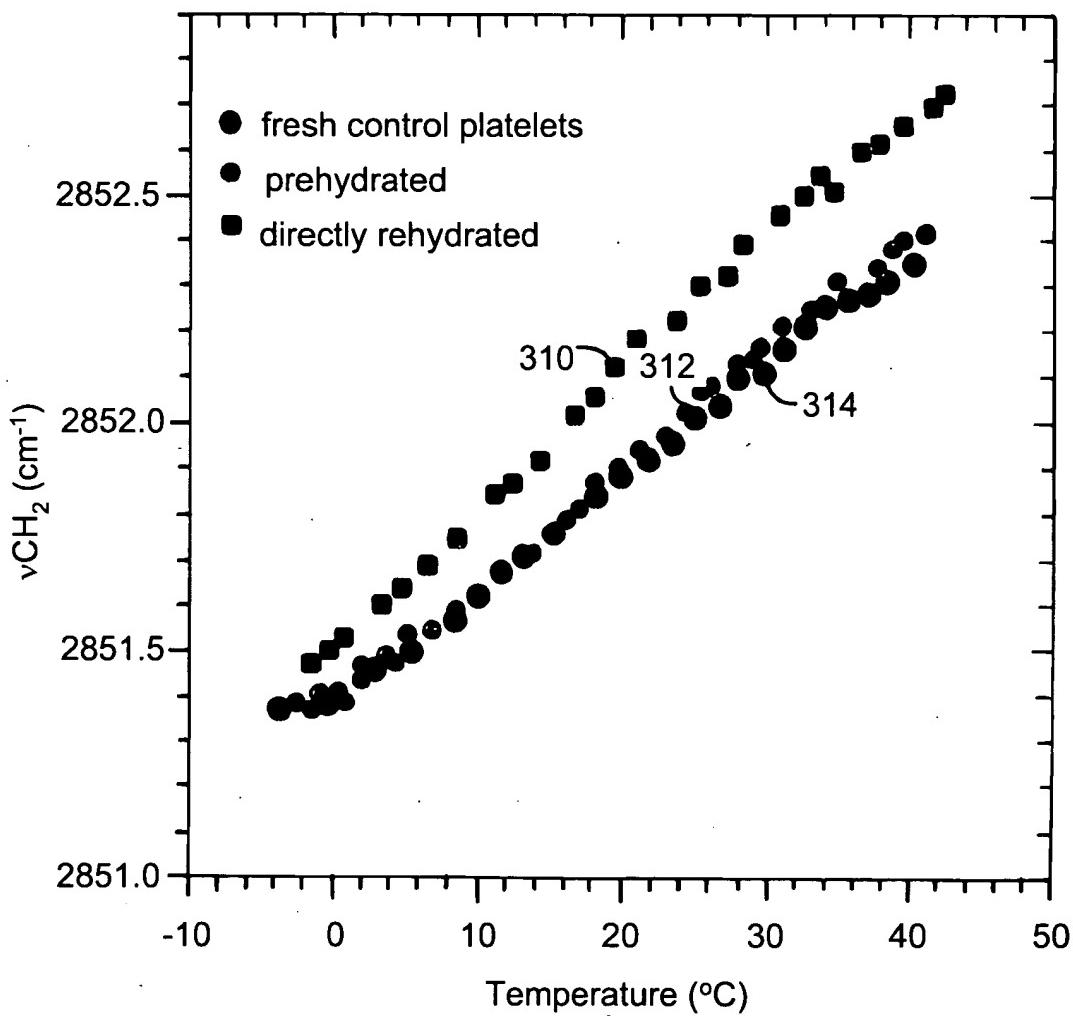


**FIG. 29**

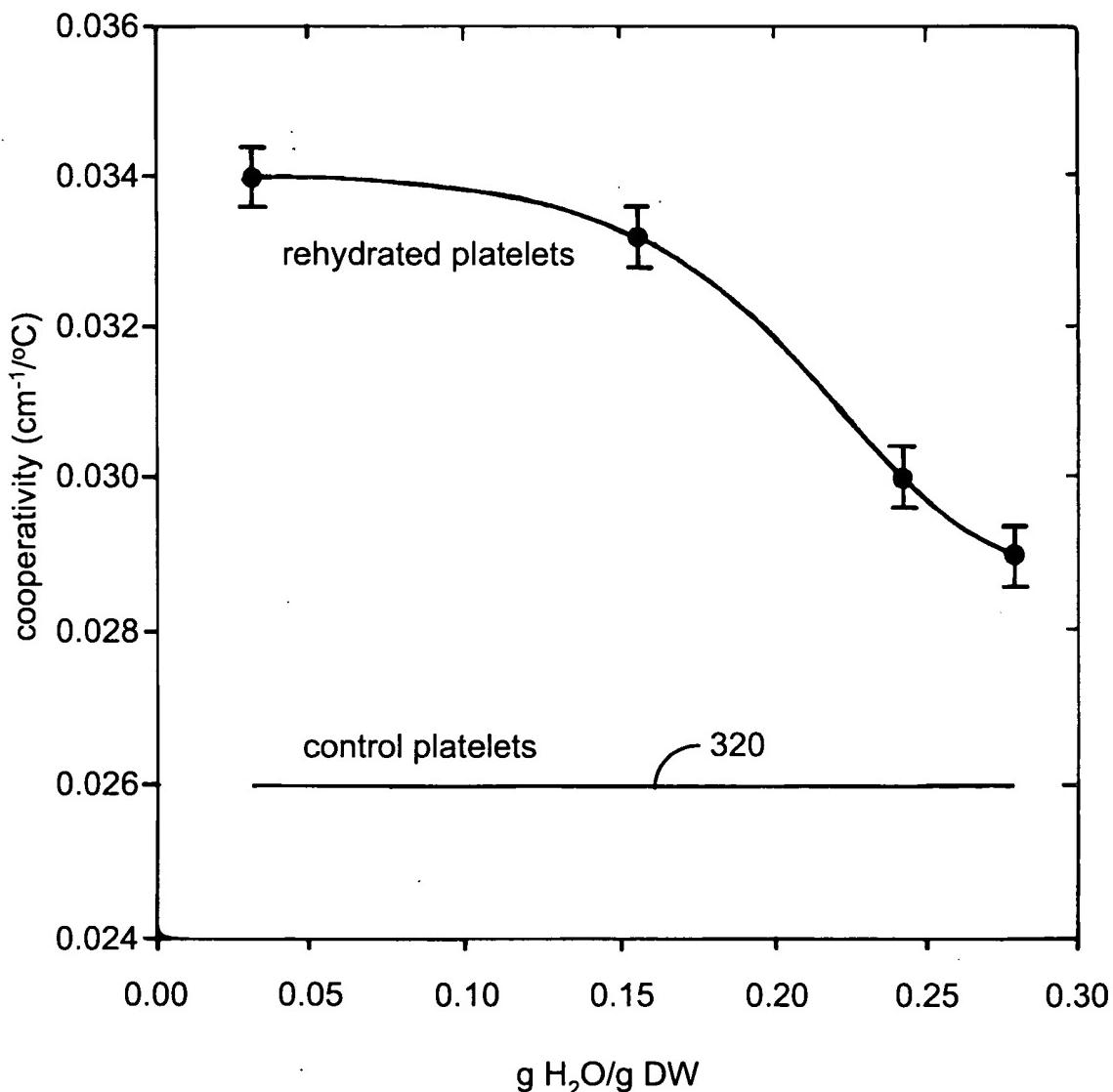
16/26

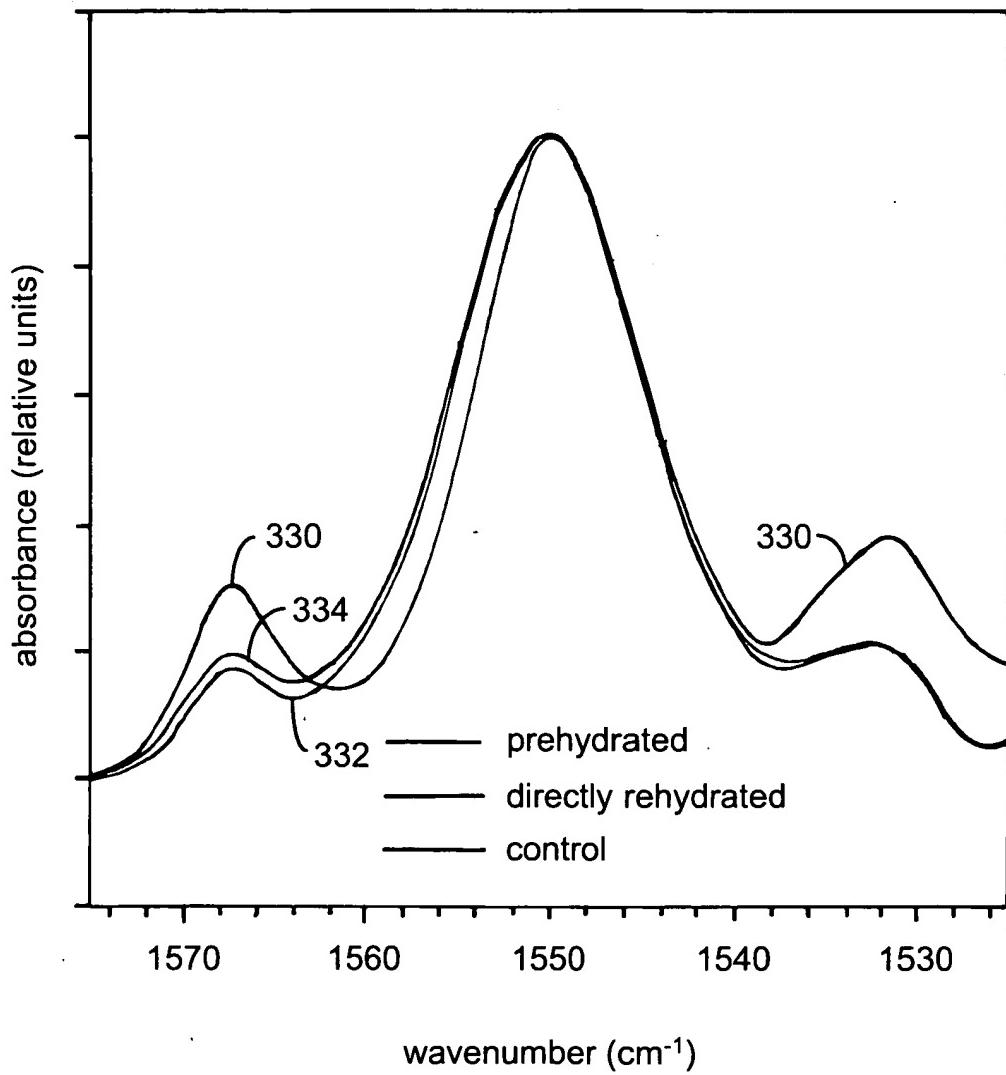
**FIG. 30**

17/26

**FIG. 31**

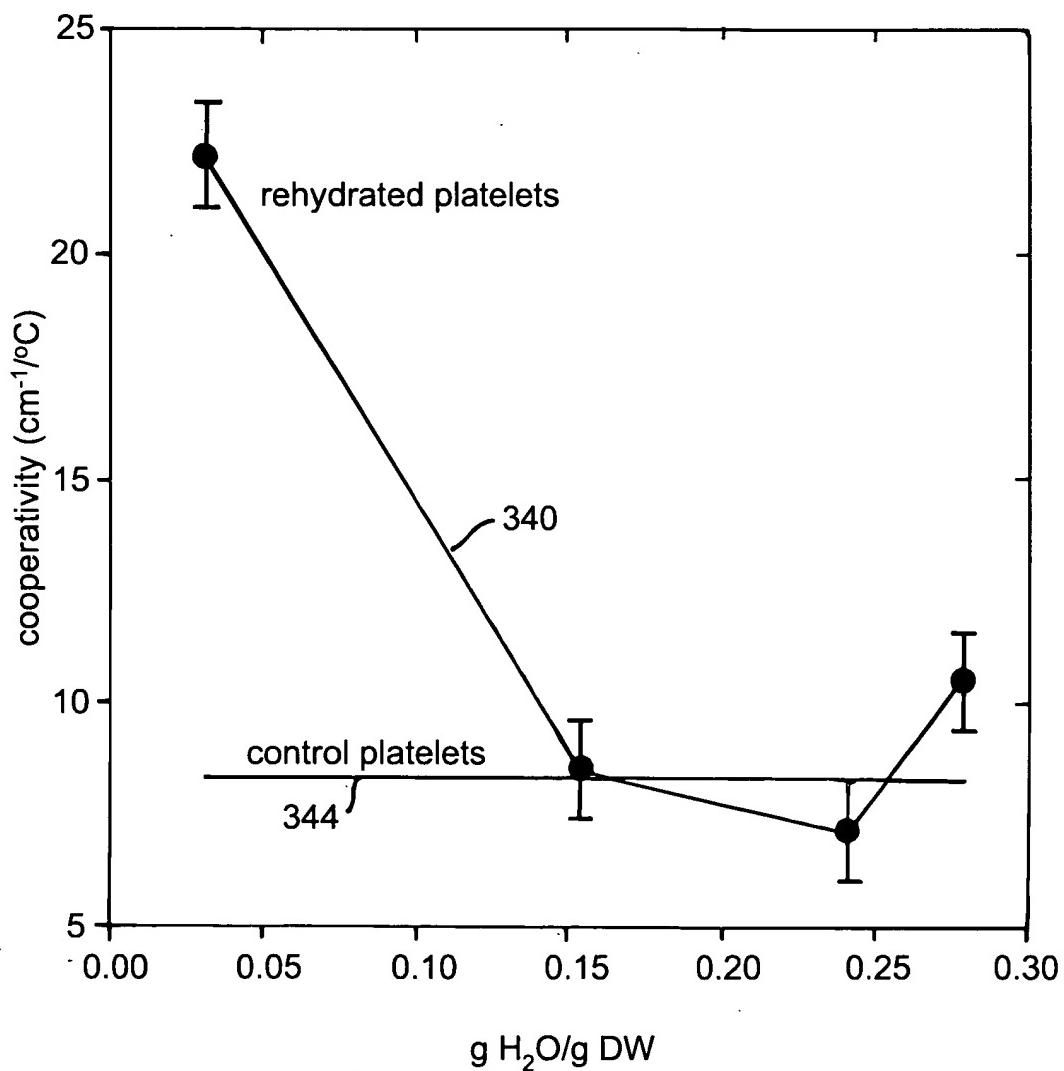
18/26

**FIG. 32**

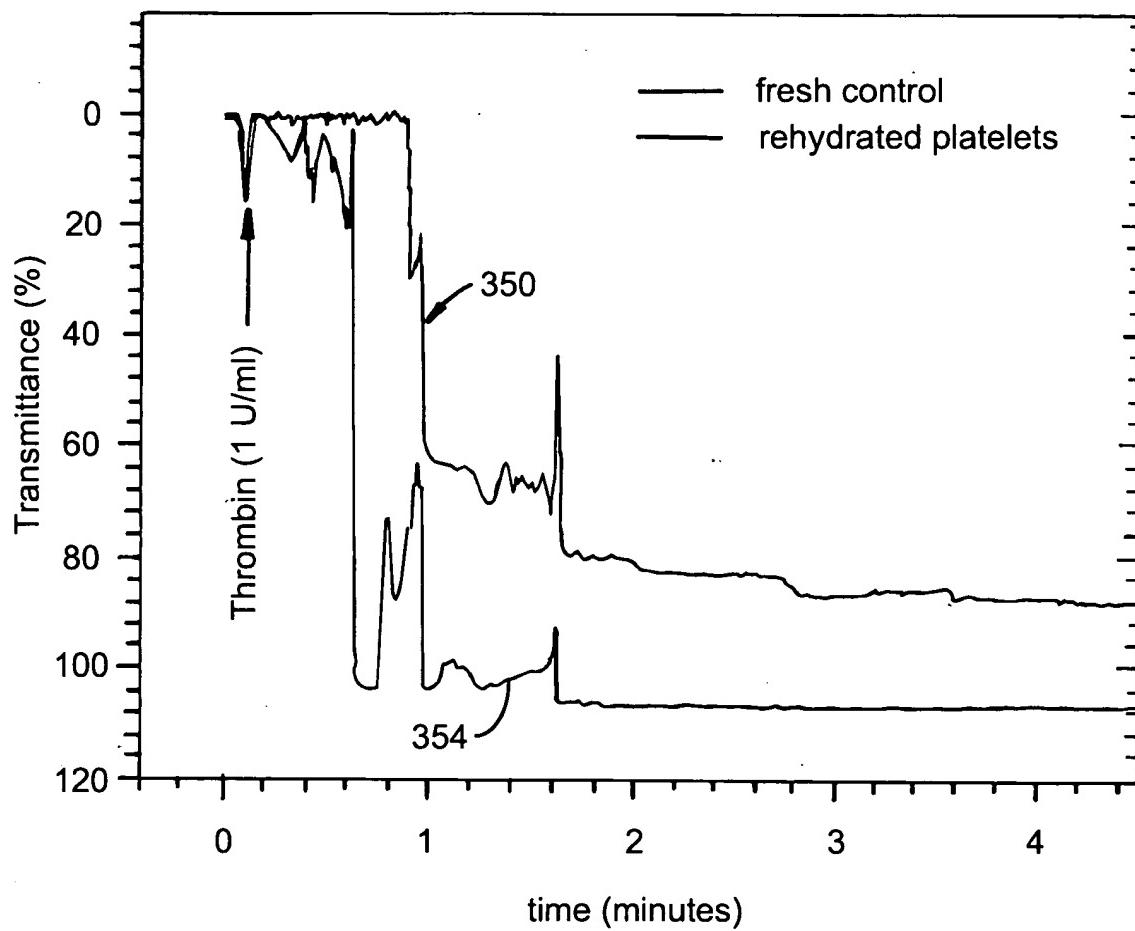


**FIG. 33**

20/26

**FIG. 34**

21/26

**FIG. 35**

22/26

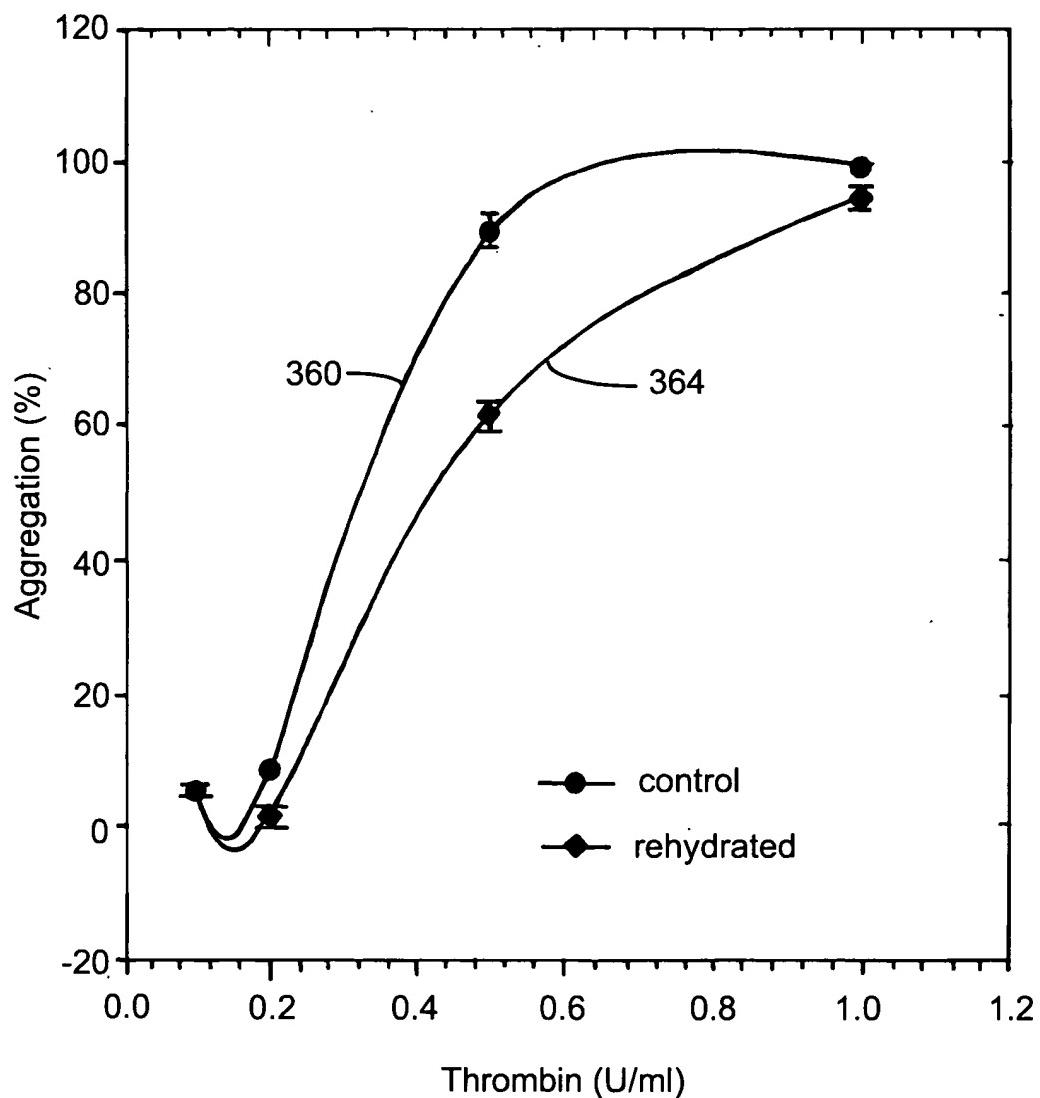


FIG. 36

23/26

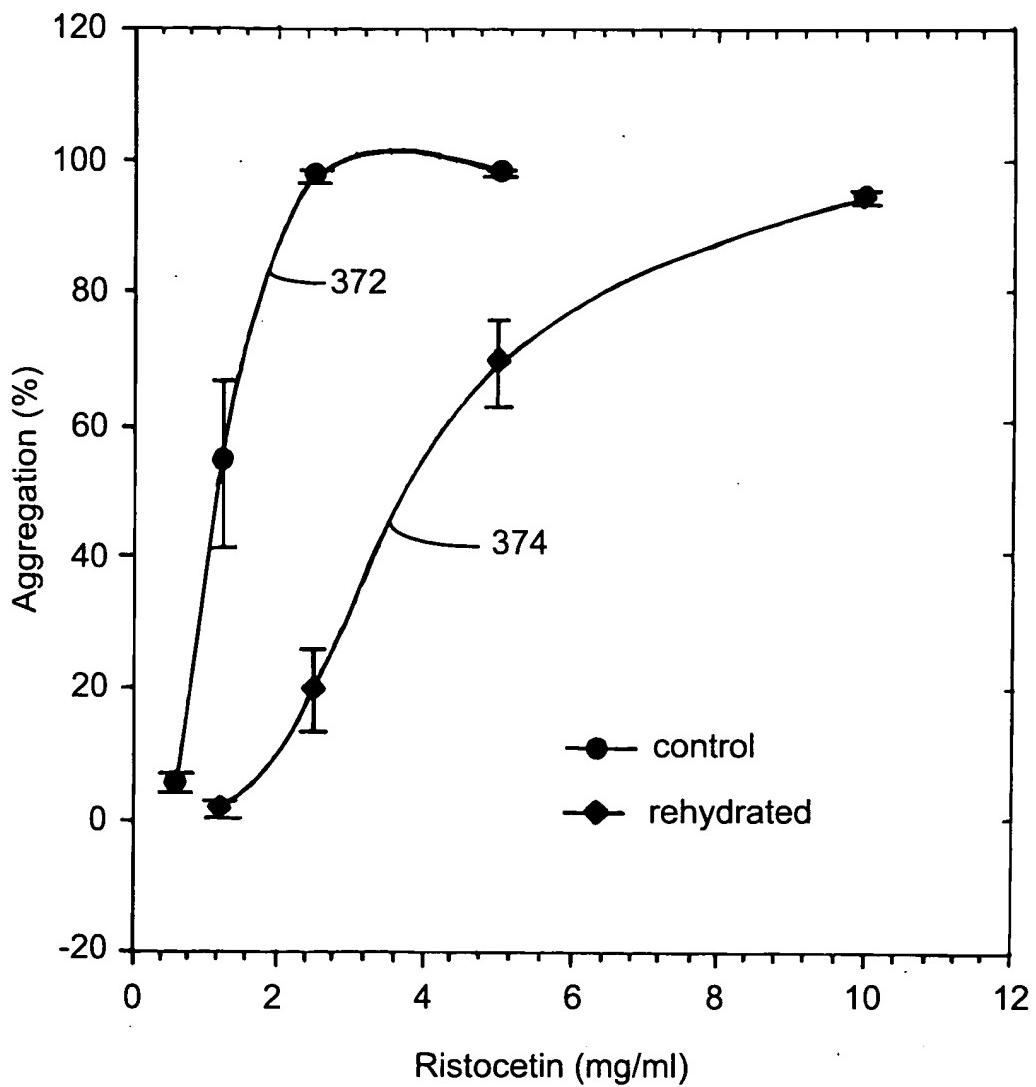


FIG. 37

24/26

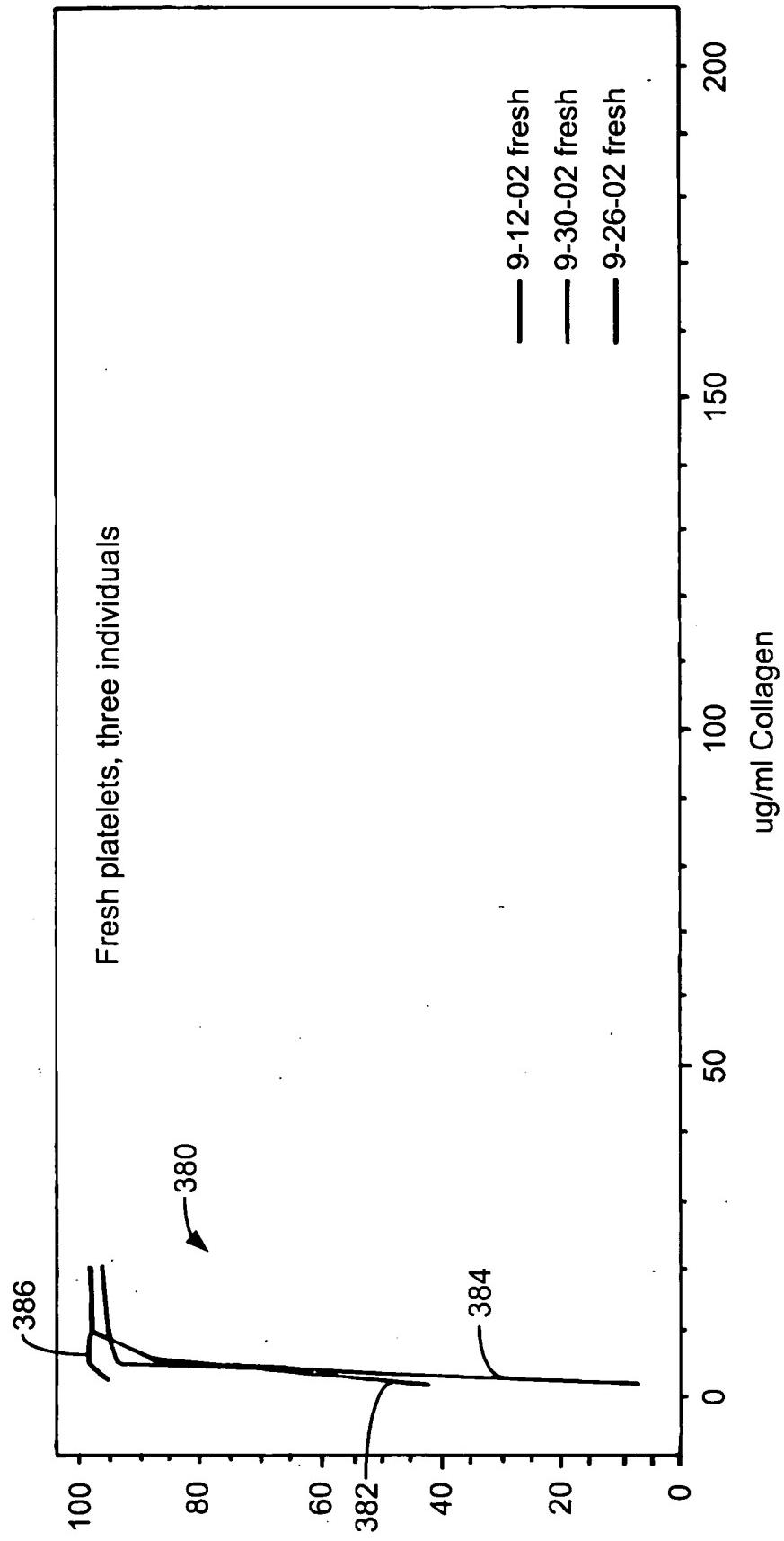


FIG. 38

25/26

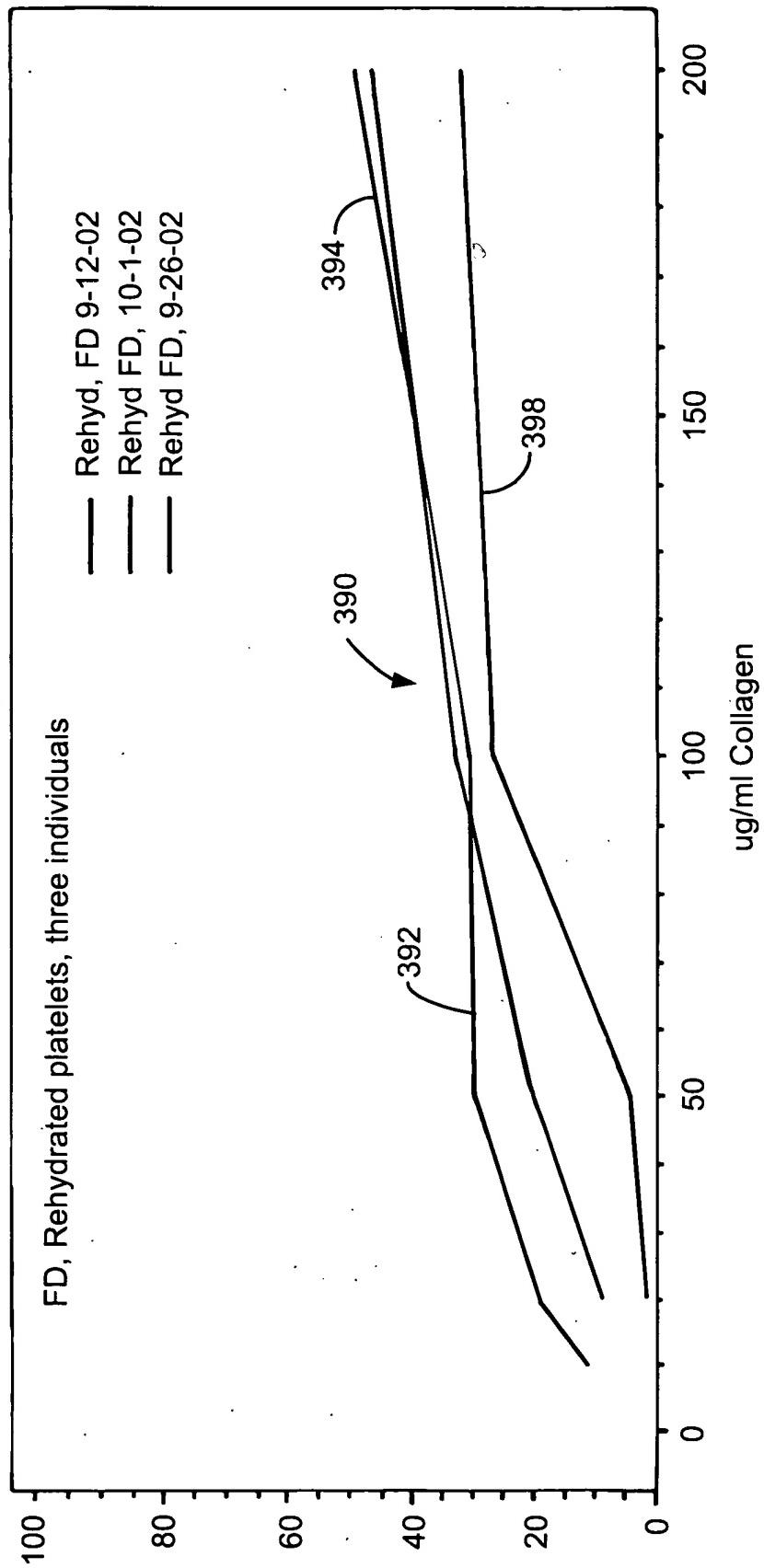
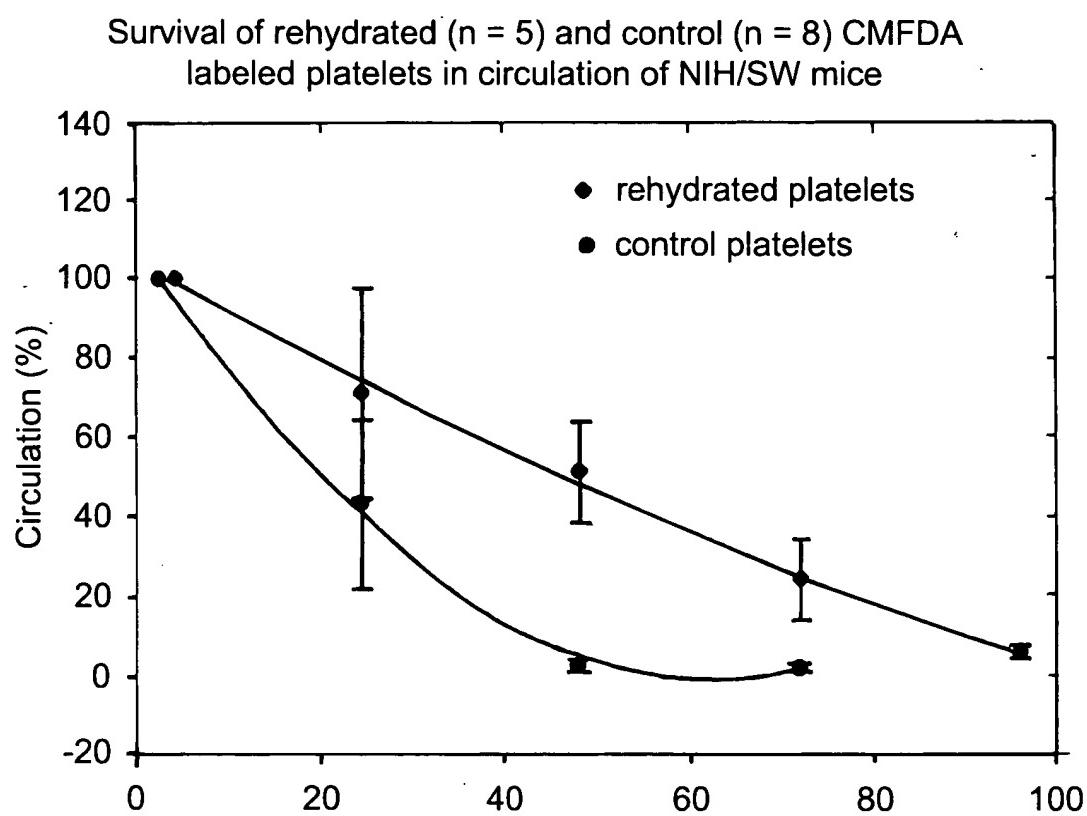


FIG. 38

26/26



**FIG. 40**